

GEARTECH	QUALITY PROCEDURE	No. QP2000	SHEET 1 OF 1	
		Rev. A		
Procurement Specification		BY RLE	DATE	1/18/99
		CKD JRM	DATE	9/05/99
<div>1. Scope</div> <div>1.1 This procedure covers writing procurement specifications.</div> <div>2. Referenced Documents</div> <div>2.1 AGMA/AWEA 921-A97 Recommended Practices for Design and Specification of Gearboxes for Wind Turbine Generator Systems.</div> <div>2.2 GEARTECH Specifications:</div> <div><div>CK1000</div><div>QP1000</div><div>Procurement process</div></div> <div><div>CK2000</div><div>QP2000</div><div>Procurement specification</div></div> <div>3. Terminology</div> <div>3.1 Procurement specification- Specification designed and maintained by the purchaser that defines the application, load spectrum, and minimum requirements for design, manufacturing, quality assurance, testing, and gearbox performance (see CK2000).</div> <div>4. Significance and Use</div> <div>4.1 Procurement specification- AGMA/AWEA 921-A97, Clause 4 is a guide for developing a procurement specification for wind turbine gearboxes.</div> <div>4.2 Features- The procurement specification defines requirements and methodology for obtaining reliable gearboxes for wind turbine service. A good procurement specification does the following:</div> <div><div><div>• Defines purchaser’s requirements</div><div>• Provides common language to aid communication between purchaser, bidders, and gear manufacturer</div><div>• Provides methods for comparing competing proposals</div><div>• Specifies quality assurance inspections, tests, and acceptance criteria</div></div></div> <div>5. Procedure</div> <div>5.1 Responsibilities- The procurement Specification shall be designed and maintained by the purchaser. The gear manufacturer shall design and maintain a quality assurance (QA) plan that is adequate to achieve quality goals defined by the procurement specification.</div> <div>5.2 Management- The purchaser shall commit resources adequate to properly implement, distribute, and maintain the procurement specification.</div> <div>5.3 Procurement specification- AGMA/AWEA 921-A97 shall be used as a guide for developing a procurement specification.</div> <div>5.4 Checklists- CK2000 shall be used for guidelines for content of a procurement specification.</div> <div>5.5 Procurement process- CK1000 and QP1000 shall be used for guidelines covering the procurement process.</div> <div>5.6 Technical requirements- The procurement specification shall be audited by a gear specialist to ensure technical requirement are adequately specified.</div>				

